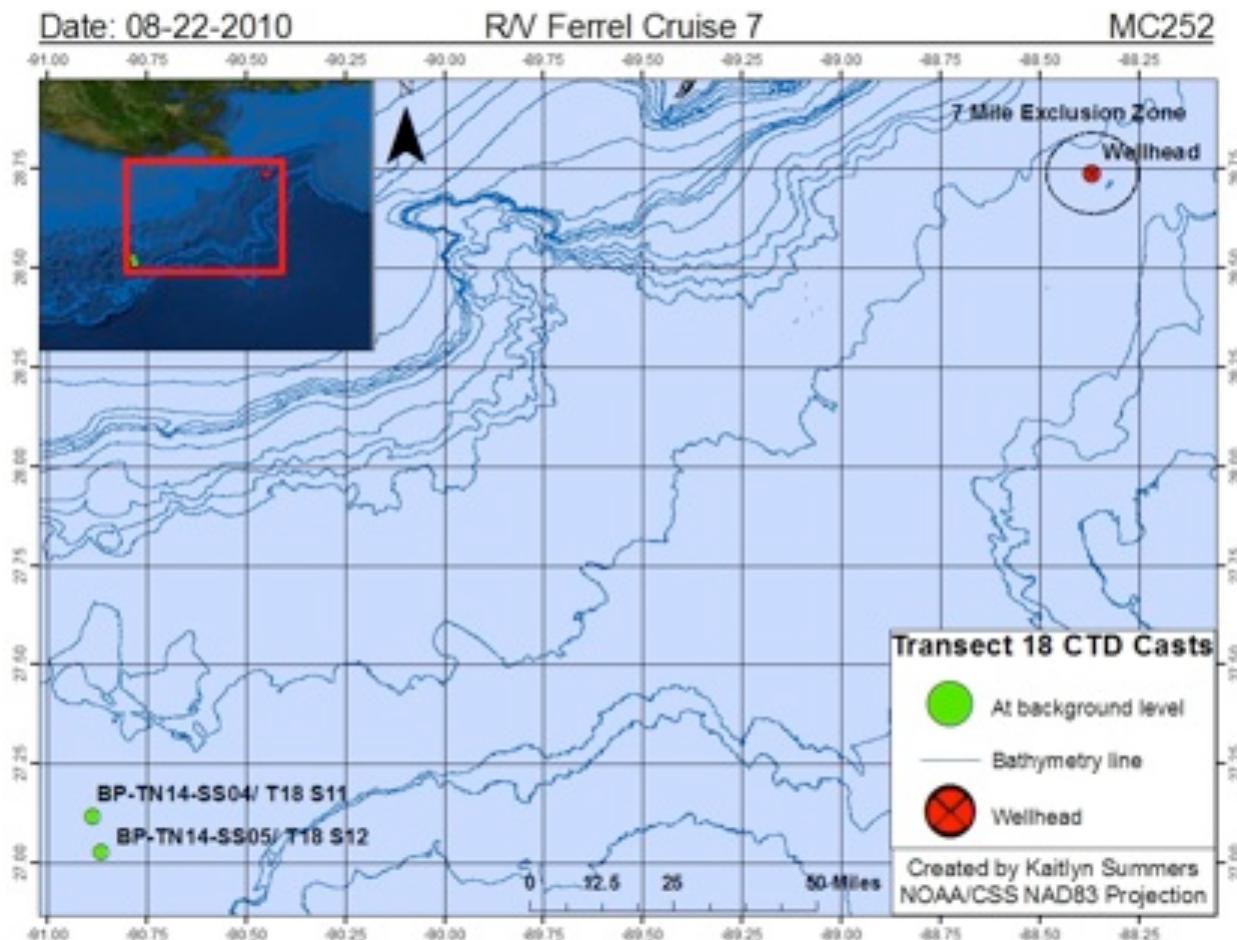


R/V Ferrel
Francine Reid

1. Safety meeting at 6:30am
2. Arrived at sampling station -7am
3. Sampling begins -7:30am
4. Two stations were sampled today with four samples per station, including surface samples.
5. Hearn=DNA, RNA, PLFA (MoBio filter)
Fran=AODC, Stable Isotope, VOA Analysis, Nutrient Chemistry, Uncontaminated plume depth water, Culturing, PLFA (Sterivex filter)
6. No DO anomalies seen today.
7. Weather conditions: Air Temperature 88 degrees Fahrenheit, seas 1-2ft

Sampling Nomenclature:

SW-YYYYMMDD-VesselMission#-SampleID
BP-TransectNumber##-SamplingSite##

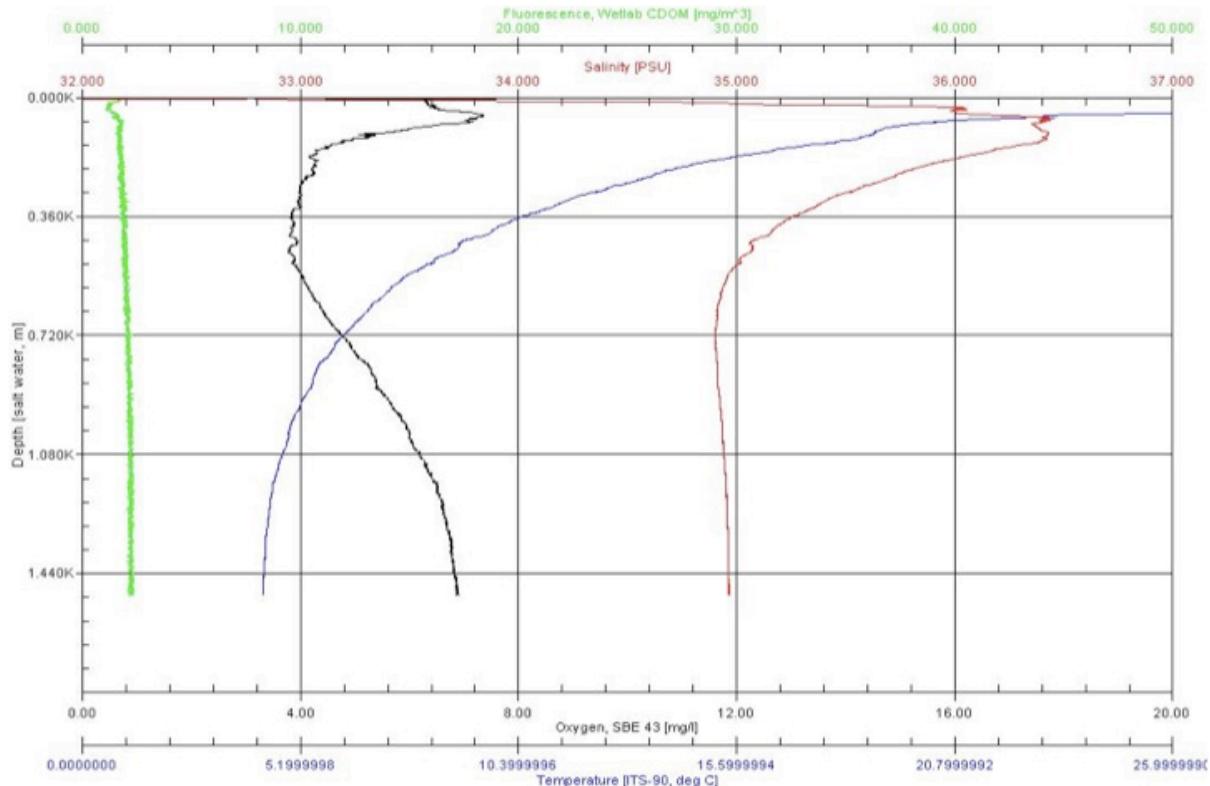


First station

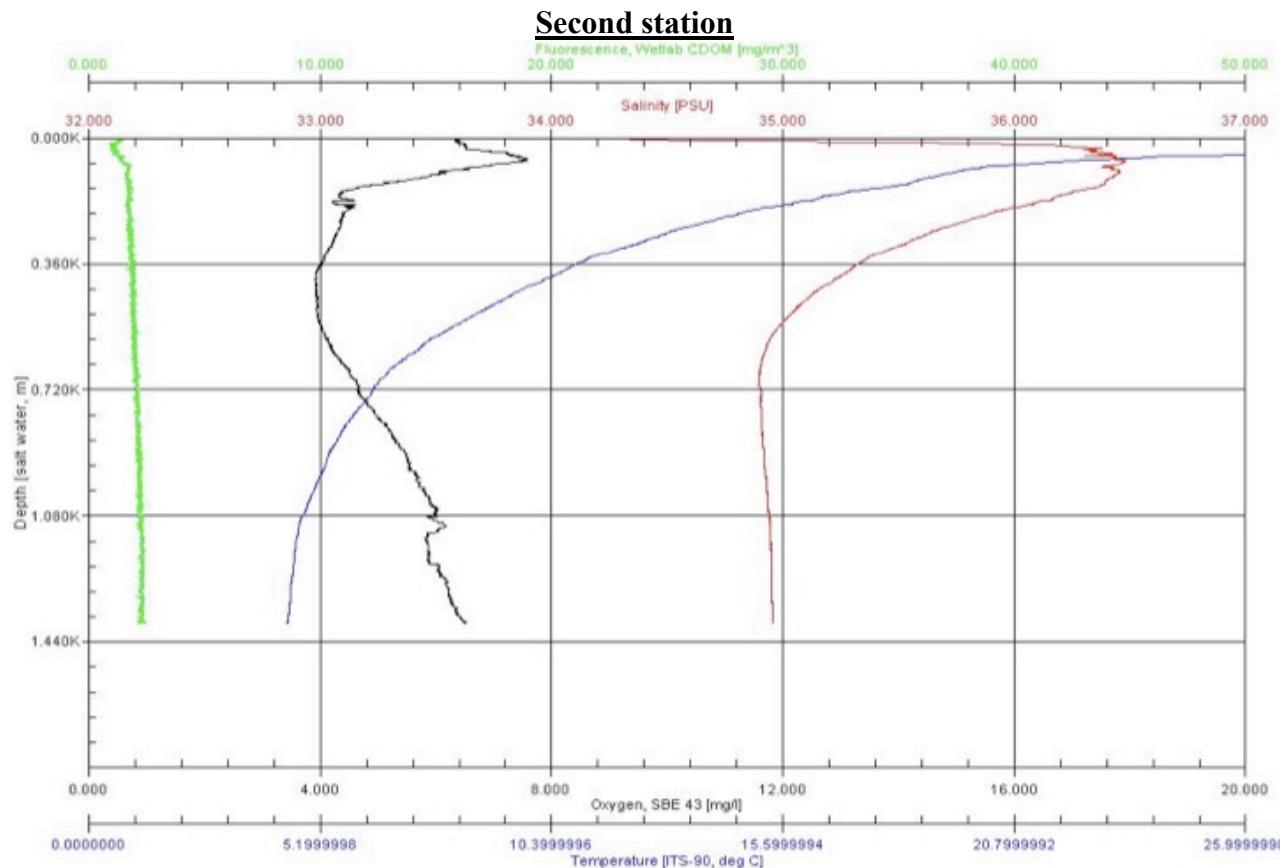
166 miles SSW of wellhead. No DO depression. Total CTD cast depth 1500m..

SW-20100822-FER8-xx

BP-TN14-SS04



1. SW-20100822-FER8-02 (Surface)
BP-TN13-SS01
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, Nutrient Chemistry
2. SW-20100822-FER8-03 (1300m)
BP-TN13-SS0
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, Nutrient Chemistry
 - Roger took 15mL sample for pressurization
3. SW-20100822-FER8-05 (1150m)
BP-TN13-SS01
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, Nutrient Chemistry
 - 7 liters of unfiltered water for Jacob
 - Extra MoBio filter for Romy
4. SW-20100822-FER8-07 (1000m)
BP-TN13-SS01
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA, Nutrient Chemistry



167 miles SSW of wellhead. No DO depression. Total CTD cast depth 1608m.

SW-20100820-FER8-xx
BP-TN14-SS05

5. SW-20100822-FER8-09 (surface)
BP-TN14-SS05
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, Nutrient Chemistry
6. SW-20100822-FER8-10 (1300m)
BP-TN14-SS05
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, Nutrient Chemistry
 - Roger took 15mL sample for pressurization
7. SW-20100822-FER8-12 (1150m)
BP-TN14-SS05
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, Nutrient Chemistry
8. SW-20100822-FER8-14 (1000m)
BP-TN14-SS05
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, Nutrient Chemistry